

INTERNATIONAL SEARCH REPORT

PCT/IB 03/00933

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G09G3/34 G09G3/36 H04N5/57

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G09G H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 02 059732 A (KONINKL PHILIPS ELECTRONICS NV) 1 August 2002 (2002-08-01) the whole document	1,2,7
A	US 5 978 041 A (KAWASAKI JIRO ET AL) 2 November 1999 (1999-11-02) abstract; figures 43-50 column 10, line 16 - column 10, line 25	
A	WO 99 20042 A (KONINKL PHILIPS ELECTRONICS NV ; PHILIPS SVENSKA AB (SE)) 22 April 1999 (1999-04-22) page 4, line 1-31; figures 2,3	1-7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

26 August 2003

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INTERNATIONAL SEARCH REPORT

PCT/IB 03/00933

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 41118 A (KONINKL PHILIPS ELECTRONICS NV) 7 June 2001 (2001-06-07) page 2, line 22 -page 3, line 2 the whole document abstract ----	1-7
A	US 6 121 950 A (MANSELL BARRY ET AL) 19 September 2000 (2000-09-19) abstract; figures 4,10 column 1, line 66 -column 8, line 41 ----	1-7
A	US 6 094 185 A (SHIRRIFF KENNETH W) 25 July 2000 (2000-07-25) abstract; figure 1 column 2, line 52 -column 4, line 9 ----	1-7
A	US 6 313 586 B1 (OKAZAKI YUTAKA ET AL) 6 November 2001 (2001-11-06) the whole document -----	1-7

INTERNATIONAL SEARCH REPORT

on patent family members

PCT/IB 03/00933

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02059732	A	01-08-2002	BR 0109500 A CN 1419669 T WO 02059732 A1 US 2002097210 A1	10-12-2002 21-05-2003 01-08-2002 25-07-2002
US 5978041	A	02-11-1999	JP 8251503 A JP 8254970 A JP 8123350 A KR 233900 B1 JP 8317344 A	27-09-1996 01-10-1996 17-05-1996 15-01-2000 29-11-1996
WO 9920042	A	22-04-1999	EP 0945006 A1 WO 9920042 A2 JP 2001507903 T TW 394923 B US 6239773 B1	29-09-1999 22-04-1999 12-06-2001 21-06-2000 29-05-2001
WO 0141118	A	07-06-2001	CN 1345433 T CN 1345434 T WO 0141117 A1 WO 0141118 A1 EP 1171865 A1 EP 1173841 A1 JP 2003515774 T JP 2003515775 T US 6606100 B1	17-04-2002 17-04-2002 07-06-2001 07-06-2001 16-01-2002 23-01-2002 07-05-2003 07-05-2003 12-08-2003
US 6121950	A	19-09-2000	US 5751261 A US 5444557 A US 5317436 A US 5206749 A WO 9410794 A1 US 6320568 B1 AT 173839 T DE 69322279 D1 DE 69322279 T2 EP 0659282 A1 EP 0853254 A2 JP 8501887 T US 5396304 A US 6511187 B1 WO 9407177 A1 WO 9525983 A1 US 5376979 A US 5705424 A US 5666175 A US 5654811 A US 5713652 A US 6043800 A US 6072445 A US 5743614 A US 6558008 B1 US 5861929 A CA 2126446 A1 EP 0647383 A1 EP 0935389 A1 JP 7503557 T WO 9315589 A1	12-05-1998 22-08-1995 31-05-1994 27-04-1993 11-05-1994 20-11-2001 15-12-1998 07-01-1999 24-06-1999 28-06-1995 15-07-1998 27-02-1996 07-03-1995 28-01-2003 31-03-1994 28-09-1995 27-12-1994 06-01-1998 09-09-1997 05-08-1997 03-02-1998 28-03-2000 06-06-2000 28-04-1998 06-05-2003 19-01-1999 05-08-1993 12-04-1995 11-08-1999 13-04-1995 05-08-1993

INTERNATIONAL SEARCH REPORT

on patent family members

PCT/TB 03/00933

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6121950	A	US 5420055 A	30-05-1995
		US 5578865 A	26-11-1996
		US 5661371 A	26-08-1997
		US 5581385 A	03-12-1996
		US 5467154 A	14-11-1995
		US 5475514 A	12-12-1995
		US 5692820 A	02-12-1997
		US 6317175 B1	13-11-2001
		EP 0565588 A1	20-10-1993
		JP 3227156 B2	12-11-2001
		JP 6504139 T	12-05-1994
		JP 3361325 B2	07-01-2003
		JP 2002014375 A	18-01-2002
		US 6232136 B1	15-05-2001
		US 6486929 B1	26-11-2002
		WO 9212453 A1	23-07-1992
		US 5377031 A	27-12-1994
		US 5539550 A	23-07-1996
		US 5438241 A	01-08-1995
US 6094185	A	25-07-2000	NONE
US 6313586	B1	06-11-2001	JP 2000287035 A 13-10-2000
			DE 10016743 A1 07-12-2000
			TW 440707 B 15-05-2001